

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.

Hex(A38775) Hex(D4A88C) Hex(A39E75) Hex(524D49) Hex(913900) Hex(120700)

	Hex(A38775)	Hex(D4A88C)	Hex(A39E75)	Hex(524D49)	Hex(913900)	Hex(120700)
Hex(A38775)		Ratio: 1.56 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 5.95 AA ¹ AAA 18pt ⁴
Hex(D4A88C)	Ratio: 1.56 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 3.89 AA 18pt ²	Ratio: 3.51 AA 18pt ²	Ratio: 9.26 Passed ⁶
Hex(A39E75)	Ratio: 1.23 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 3.06 AA 18pt ²	Ratio: 2.76 Failed ⁵	Ratio: 7.30 Passed ⁶
Hex(524D49)	Ratio: 2.50 Failed ⁵	Ratio: 3.89 AA 18pt ²	Ratio: 3.06 AA 18pt ²		Ratio: 1.11 Failed ⁵	Ratio: 2.38 Failed ⁵
Hex(913900)	Ratio: 2.25 Failed ⁵	Ratio: 3.51 AA 18pt ²	Ratio: 2.76 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 2.64 Failed ⁵
Hex(120700)	Ratio: 5.95 AA ¹ AAA 18pt ⁴	Ratio: 9.26 Passed ⁶	Ratio: 7.30 Passed ⁶	Ratio: 2.38 Failed ⁵	Ratio: 2.64 Failed ⁵	

Details can be found at <https://www.w3.org/TR/WCAG20/>.

¹ AA

AA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

² AA 18pt

AA level for large text above 18pt.

³ AAA

AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

⁴ AAA 18pt

AAA level for large text above 18pt.

⁵ Failed

Fails to comply with the Web Content Accessibility Guidelines (WCAG) 2.0.

⁶ Passed

Passes the AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for all text sizes.

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